

THAT WHICH IS CLAIMED:

1. A method of controlling a user session in a network, the method comprising:

defining rules for controlling user sessions based on characteristics of an operating environment;

5 determining characteristics of an instance of an operating environment associated with a user session in the network;

10 applying the defined rules to the determined characteristics to control the user session based on the characteristics of the instance of the operating environment.

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2. A method according to Claim 1, wherein the step of determining characteristics of an instance of an operating environment comprises the step of determining at least one of a type of network
5 connection, a type of device connected to the network, a user identification of the user and an identification of an application executed by the user.

3. A method according to Claim 1, wherein the step of defining rules for controlling user sessions comprises defining rules which control content of communications provided to user during user sessions
5 based on the characteristics of the operating environment.

4. A method according to Claim 3, wherein the rules comprise rules which control at least one of characteristics of a network connection,

5 characteristics of content associated with a device
utilized by the user, and preferences associated with
an application utilized by a user.

5 5. A method according to Claim 4, wherein the
content controlled by the rules is controlled based on
at least one of a type of network connection, a type of
device connected to the network, a user identification
of the user and an identification of an application
executed by the user.

5 6. A method according to Claim 1, wherein the
step of defining rules for controlling user sessions
comprises the step of defining rules which control
access to at least one of applications and the network
based on the characteristics of an operating
environment.

5 7. A method according to Claim 1, further
comprising the steps of:
storing the defined rules on a network accessible
device; and
5 obtaining the defined rules from the network
accessible device in response to the determination of
characteristics of an instance of an operating
environment associated with a user session in the
network.

8. A method according to Claim 7, wherein the
network accessible device is an on-demand server.

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5 9. A method of controlling content provided to a device of a user of a network, the method comprising:
providing session dependent information associated with the device to a network device having stored policies which are based on the session dependent information; and

automatically modifying the content provided by the network device to the device based on the policies and the provided session dependent information.

5 10. A method according to Claim 9, wherein the step of automatically modifying the content comprises the step of automatically translating content of a communication provided to the device associated with the user from a first language to a second language.

5 11. A method according to Claim 10, wherein the session dependent information comprises at least one of a type of network connection, a type of device connected to the network, a user identification of the user and an identification of an application executed by the user.

5 12. A method according to Claim 9, wherein the policies comprise policies which control at least one of characteristics of a network connection, characteristics of content associated with a device utilized by the user, and preferences associated with an application utilized by a user.

13. A method according to Claim 12, wherein the content controlled by the policies is controlled based on at least one of a type of network connection, a type of device connected to the network, a user
5 identification of the user and an identification of an application executed by the user.

14. A method according to Claim 12, further comprising the step of controlling access to at least one of applications and the network utilizing policies based on the session dependent information.

15. A system for controlling a user session in a network, comprising:

means for defining rules for controlling user sessions based on characteristics of an operating
5 environment;

means for determining characteristics of an instance of an operating environment associated with a user session in the network;

10 means for applying the defined rules to the determined characteristics to control the user session based on the characteristics of the instance of the operating environment.

5 547 A3/ 16. A system according to Claim 15, wherein the means for determining characteristics of an instance of an operating environment comprises means for determining at least one of a type of network connection, a type of device connected to the network,

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a user identification of the user and an identification of an application executed by the user.

5 17. A system according to Claim 15, wherein the means for defining rules for controlling user sessions comprises means for defining rules which control content of communications provided to user a during user sessions based on the characteristics of the operating environment.

5 18. A system according to Claim 17, wherein the rules comprise rules which control at least one of characteristics of a network connection, characteristics of content associated with a device utilized by the user, and preferences associated with an application utilized by a user.

5 19. A system according to Claim 18, wherein the content controlled by the rules is controlled based on at least one of a type of network connection, a type of device connected to the network, a user identification of the user and an identification of an application executed by the user.

5 20. A system according to Claim 15, wherein the means for defining rules for controlling user sessions comprises means for defining rules which control access to at least one of applications and the network based on the characteristics of an operating environment.

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21. A system according to Claim 15, further comprising:

means for storing the defined rules on a network accessible device; and

5 means for obtaining the defined rules from the network accessible device in response to the determination of characteristics of an instance of an operating environment associated with a user session in the network.

22. A system according to Claim 21, wherein the network accessible device is an on-demand server.

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23. A system for controlling content provided to a device of a user of a network, comprising:

5 means for providing session dependent information associated with the device to a network device having stored policies which are based on the session dependent information; and

10 means for automatically modifying the content provided by the network device to the device based on the policies and the provided session dependent information.

24. A system according to Claim 23, wherein the means for automatically modifying the content comprises means for automatically translating content of a communication provided to the device associated with the user from a first language to a second language.

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25. A system according to Claim 24, wherein the session dependent information comprises at least one of a type of network connection, a type of device connected to the network, a user identification of the user and an identification of an application executed by the user.

26. A system according to Claim 23, wherein the policies comprise policies which control at least one of characteristics of a network connection, characteristics of content associated with a device utilized by the user, and preferences associated with an application utilized by a user.

27. A system according to Claim 26, wherein the content controlled by the policies is controlled based on at least one of a type of network connection, a type of device connected to the network, a user identification of the user and an identification of an application executed by the user.

28. A system according to Claim 26, further comprising means for controlling access to at least one of applications and the network utilizing policies based on the session dependent information.

29. A computer program product for controlling a user session in a network, comprising:

a computer readable storage medium having computer readable program code means embodied in said medium, said computer readable program code means comprising:

computer readable program code means for defining rules for controlling user sessions based on characteristics of an operating environment;

10 computer readable program code means for determining characteristics of an instance of an operating environment associated with a user session in the network;

15 computer readable program code means for applying the defined rules to the determined characteristics to control the user session based on the characteristics of the instance of the operating environment.

Sub A5 30. A computer program product according to Claim 29, wherein the computer readable program code means for determining characteristics of an instance of an operating environment comprises computer readable program code means for determining at least one of a type of network connection, a type of device connected to the network, a user identification of the user and an identification of an application executed by the user.

31. A computer program product according to Claim 29, wherein the computer readable program code means for defining rules for controlling user sessions comprises computer readable program code means for defining rules which control content of communications provided to a user during user sessions based on the characteristics of the operating environment.

32. A computer program product according to Claim 31, wherein the rules comprise rules which control at least one of characteristics of a network connection, characteristics of content associated with a device
5 utilized by the user, and preferences associated with an application utilized by a user.

33. A computer program product according to Claim 32, wherein the content controlled by the rules is controlled based on at least one of a type of network connection, a type of device connected to the network,
5 a user identification of the user and an identification of an application executed by the user.

34. A computer program product according to Claim 29, wherein the computer readable program code means for defining rules for controlling user sessions comprises computer readable program code means for
5 defining rules which control access to at least one of applications and the network based on the characteristics of an operating environment.

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35. A computer program product according to Claim 29, further comprising:

computer readable program code means for storing the defined rules on a network accessible device; and

5 computer readable program code means for obtaining the defined rules from the network accessible device in response to the determination of characteristics of an instance of an operating environment associated with a user session in the network.

36. A computer program product according to Claim 35, wherein the network accessible device is an on-demand server.

37. A computer program product for controlling content provided to a device of a user of a network, comprising:

a computer readable storage medium having computer readable program code means embodied in said medium, said computer readable program code means comprising:

computer readable program code means for providing session dependent information associated with the device to a network device having stored policies which are based on the session dependent information; and

computer readable program code means for automatically modifying the content provided by the network device to the device based on the policies and the provided session dependent information.

38. A computer program product according to Claim 37, wherein computer readable program code means for automatically modifying the content comprises computer readable code means for automatically translating content of a communication provided to the device associated with the user from a first language to a second language.

39. A computer program product according to Claim 38, wherein the session dependent information comprises at least one of a type of network connection, a type of

5 device connected to the network, a user identification
of the user and an identification of an application
executed by the user.

40. A computer program product according to Claim
37, wherein the policies comprise policies which
control at least one of characteristics of a network
connection, characteristics of content associated with
5 a device utilized by the user, and preferences
associated with an application utilized by a user.

41. A computer program product according to Claim
40, wherein the content controlled by the policies is
controlled based on at least one of a type of network
connection, a type of device connected to the network,
5 a user identification of the user and an identification
of an application executed by the user.

42. A computer program product according to Claim
40, further comprising computer readable program code
means for controlling access to at least one of
applications and the network utilizing policies based
5 on the session dependent information.

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